

Economic sectors	Source	Fuel type	Type	Gas	Units	Notes	Additional Notes
Electric power	Fossil Fuel Combustion	Coal	Energy	CO2	(MmtCO2e)	Carbon dioxide emitted from burning coal to create electric power.	CO2 emissions in MmtCO2e were calculated by multiplying the actual CO2 emissions by its Global Warming Potential of 1 (IPCC AR4).
Electric power	Fossil Fuel Combustion	Petroleum	Energy	CO2	(MmtCO2e)	Carbon dioxide emitted from burning petroleum to create electric power.	CO2 emissions in MmtCO2e were calculated by multiplying the actual CO2 emissions by its Global Warming Potential of 1 (IPCC AR4).
Electric power	Fossil Fuel Combustion	Natural Gas	Energy	CO2	(MmtCO2e)	Carbon dioxide emitted from burning natural gas to create electric power.	CO2 emissions in MmtCO2e were calculated by multiplying the actual CO2 emissions by its Global Warming Potential of 1 (IPCC AR4).
Electric power	Fossil Fuel Combustion	Coal	Energy	N2O	(MmtCO2e)	Nitrous oxide emitted from burning coal to create electric power.	N2O emissions in MmtCO2e were calculated by multiplying the actual N2O emissions by its Global Warming Potential of 298 (IPCC AR4).
Electric power	Fossil Fuel Combustion	Petroleum	Energy	N2O	(MmtCO2e)	Nitrous oxide emitted from burning petroleum to create electric power.	N2O emissions in MmtCO2e were calculated by multiplying the actual N2O emissions by its Global Warming Potential of 298 (IPCC AR4).
Electric power	Fossil Fuel Combustion	Natural Gas	Energy	N2O	(MmtCO2e)	Nitrous oxide emitted from burning natural gas to create electric power.	N2O emissions in MmtCO2e were calculated by multiplying the actual N2O emissions by its Global Warming Potential of 298 (IPCC AR4).
Electric power	Fossil Fuel Combustion	Coal	Energy	CH4	(MmtCO2e)	Methane emitted from burning coal to create electric power.	CH4 emissions in MmtCO2e were calculated by multiplying the actual CH4 emissions by its Global Warming Potential of 25 (IPCC AR4).
Electric power	Fossil Fuel Combustion	Petroleum	Energy	CH4	(MmtCO2e)	Methane emitted from burning petroleum to create electric power.	CH4 emissions in MmtCO2e were calculated by multiplying the actual CH4 emissions by its Global Warming Potential of 25 (IPCC AR4).
Electric power	Fossil Fuel Combustion	Natural Gas	Energy	CH4	(MmtCO2e)	Methane emitted from burning natural gas to create electric power.	CH4 emissions in MmtCO2e were calculated by multiplying the actual CH4 emissions by its Global Warming Potential of 25 (IPCC AR4).
Electric power	Transmission and Distribution	N/A	Non-Energy	SF6	(MmtCO2e)	Sulfur Hexafluoride emitted from electric power transmission and distribution.	SF6 emissions in MmtCO2e were calculated by multiplying the actual SF6 emissions by its Global Warming Potential of 22,800 (IPCC AR4).
Transportation	Fossil Fuel Combustion	Petroleum	Energy	CO2	(MmtCO2e)	Carbon dioxide emitted from burning petroleum in the transportation sector.	CO2 emissions in MmtCO2e were calculated by multiplying the actual CO2 emissions by its Global Warming Potential of 1 (IPCC AR4).
Transportation	Fossil Fuel Combustion	Natural Gas	Energy	CO2	(MmtCO2e)	Carbon dioxide emitted from burning natural gas in the transportation sector.	CO2 emissions in MmtCO2e were calculated by multiplying the actual CO2 emissions by its Global Warming Potential of 1 (IPCC AR4).
Transportation	Fossil Fuel Combustion	Petroleum	Energy	N2O	(MmtCO2e)	Nitrous oxide emitted from burning petroleum in the transportation sector.	N2O emissions in MmtCO2e were calculated by multiplying the actual N2O emissions by its Global Warming Potential of 298 (IPCC AR4).
Transportation	Fossil Fuel Combustion	Natural Gas	Energy	N2O	(MmtCO2e)	Nitrous oxide emitted from burning natural gas in the transportation sector.	N2O emissions in MmtCO2e were calculated by multiplying the actual N2O emissions by its Global Warming Potential of 298 (IPCC AR4).
Transportation	Fossil Fuel Combustion	Petroleum	Energy	CH4	(MmtCO2e)	Methane emitted from burning petroleum in the transportation sector.	CH4 emissions in MmtCO2e were calculated by multiplying the actual CH4 emissions by its Global Warming Potential of 25 (IPCC AR4).
Transportation	Fossil Fuel Combustion	Natural Gas	Energy	CH4	(MmtCO2e)	Methane emitted from burning natural gas in the transportation sector.	CH4 emissions in MmtCO2e were calculated by multiplying the actual CH4 emissions by its Global Warming Potential of 25 (IPCC AR4).
Transportation	A/C, Refrigeration, other	N/A	Non-Energy	HFC	(MmtCO2e)	HFCs emitted from use in motor vehicle air-conditioning systems.	HFC emissions in MmtCO2e were calculated on a population basis using the CARB/USCA HFC emission inventory tool; Global Warming Potentials for HFCs range from 124 to 14,800 (IPCC AR4).
Industrial	Fossil Fuel Combustion	Coal	Energy	CO2	(MmtCO2e)	Carbon dioxide emitted from burning coal in the industrial sector.	CO2 emissions in MmtCO2e were calculated by multiplying the actual CO2 emissions by its Global Warming Potential of 1 (IPCC AR4).
Industrial	Fossil Fuel Combustion	Petroleum	Energy	CO2	(MmtCO2e)	Carbon dioxide emitted from burning petroleum in the industrial sector.	CO2 emissions in MmtCO2e were calculated by multiplying the actual CO2 emissions by its Global Warming Potential of 1 (IPCC AR4).
Industrial	Fossil Fuel Combustion	Natural Gas	Energy	CO2	(MmtCO2e)	Carbon dioxide emitted from burning natural gas in the industrial sector.	CO2 emissions in MmtCO2e were calculated by multiplying the actual CO2 emissions by its Global Warming Potential of 1 (IPCC AR4).
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Industrial	Fossil Fuel Combustion	Natural Gas	Energy	N2O	(MmtCO2e)	Nitrous oxide emitted from burning natural gas in the industrial sector.	N2O emissions in MmtCO2e were calculated by multiplying the actual N2O emissions by its Global Warming Potential of 298 (IPCC AR4).
Industrial	Fossil Fuel Combustion	Wood	Energy	N2O	(MmtCO2e)	Nitrous oxide emitted from burning wood in the industrial sector.	N2O emissions in MmtCO2e were calculated by multiplying the actual N2O emissions by its Global Warming Potential of 298 (IPCC AR4).
Industrial	Fossil Fuel Combustion	Coal	Energy	CH4	(MmtCO2e)	Methane emitted from burning coal in the industrial sector.	CH4 emissions in MmtCO2e were calculated by multiplying the actual CH4 emissions by its Global Warming Potential of 25 (IPCC AR4).
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Industrial	Fossil Fuel Combustion	Natural Gas	Energy	CH4	(MmtCO2e)	Methane emitted from burning natural gas in the industrial sector.	CH4 emissions in MmtCO2e were calculated by multiplying the actual CH4 emissions by its Global Warming Potential of 25 (IPCC AR4).

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Industrial	Fossil Fuel Combustion	Wood	Energy	CH4	(MmtCO2e)	Methane emitted from burning wood in the industrial sector.	CH4 emissions in MmtCO2e were calculated by multiplying the actual CH4 emissions by its Global Warming Potential of 25 (IPCC AR4).
Industrial	Industrial Processes	N/A	Non-Energy	CO2	(MmtCO2e)	Carbon dioxide emitted from general industrial processes.	CO2 emissions in MmtCO2e were calculated by multiplying the actual CO2 emissions by its Global Warming Potential of 1 (IPCC AR4).
Industrial	Industrial Processes	N/A	Non-Energy	HFC	(MmtCO2e)	HFCs emitted from use in industrial refrigeration, air-conditioning, and other applications.	HFC emissions in MmtCO2e were calculated on a population basis using the CARB/USCA HFC emission inventory tool; Global Warming Potentials for HFCs range from 124 to 14,800 (IPCC AR4).
Industrial	Natural Gas and Oil Systems	N/A	Non-Energy	CH4	(MmtCO2e)	Methane emitted from natural gas and oil systems in the industrial sector.	CH4 emissions in MmtCO2e were calculated by multiplying the actual CH4 emissions by its Global Warming Potential of 25 (IPCC AR4).
Residential	Fossil Fuel Combustion	Coal	Energy	CO2	(MmtCO2e)	Carbon dioxide emitted from burning coal in the residential sector.	CO2 emissions in MmtCO2e were calculated by multiplying the actual CO2 emissions by its Global Warming Potential of 1 (IPCC AR4).
Residential	Fossil Fuel Combustion	Petroleum	Energy	CO2	(MmtCO2e)	Carbon dioxide emitted from burning petroleum in the residential sector.	CO2 emissions in MmtCO2e were calculated by multiplying the actual CO2 emissions by its Global Warming Potential of 1 (IPCC AR4).
Residential	Fossil Fuel Combustion	Natural Gas	Energy	CO2	(MmtCO2e)	Carbon dioxide emitted from burning natural gas in the residential sector.	CO2 emissions in MmtCO2e were calculated by multiplying the actual CO2 emissions by its Global Warming Potential of 1 (IPCC AR4).
Residential	Fossil Fuel Combustion	Coal	Energy	N2O	(MmtCO2e)	Nitrous oxide emitted from burning coal in the residential sector.	N2O emissions in MmtCO2e were calculated by multiplying the actual N2O emissions by its Global Warming Potential of 298 (IPCC AR4).
Residential	Fossil Fuel Combustion	Petroleum	Energy	N2O	(MmtCO2e)	Nitrous oxide emitted from burning petroleum in the residential sector.	N2O emissions in MmtCO2e were calculated by multiplying the actual N2O emissions by its Global Warming Potential of 298 (IPCC AR4).
Residential	Fossil Fuel Combustion	Natural Gas	Energy	N2O	(MmtCO2e)	Nitrous oxide emitted from burning natural gas in the residential sector.	N2O emissions in MmtCO2e were calculated by multiplying the actual N2O emissions by its Global Warming Potential of 298 (IPCC AR4).
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Residential	Fossil Fuel Combustion	Wood	Energy	CH4	(MmtCO2e)	Methane emitted from burning wood in the residential sector.	CH4 emissions in MmtCO2e were calculated by multiplying the actual CH4 emissions by its Global Warming Potential of 25 (IPCC AR4).
Residential	A/C, Refrigeration, other	N/A	Non-Energy	HFC	(MmtCO2e)	HFCs emitted from use in residential refrigeration and air-conditioning systems.	HFC emissions in MmtCO2e were calculated on a population basis using the CARB/USCA HFC emission inventory tool; Global Warming Potentials for HFCs range from 124 to 14,800 (IPCC AR4).
Commercial	Fossil Fuel Combustion	Coal	Energy	CO2	(MmtCO2e)	Carbon dioxide emitted from burning coal in the commercial sector.	CO2 emissions in MmtCO2e were calculated by multiplying the actual CO2 emissions by its Global Warming Potential of 1 (IPCC AR4).
Commercial	Fossil Fuel Combustion	Petroleum	Energy	CO2	(MmtCO2e)	Carbon dioxide emitted from burning petroleum in the commercial sector.	CO2 emissions in MmtCO2e were calculated by multiplying the actual CO2 emissions by its Global Warming Potential of 1 (IPCC AR4).
Commercial	Fossil Fuel Combustion	Natural Gas	Energy	CO2	(MmtCO2e)	Carbon dioxide emitted from burning natural gas in the commercial sector.	CO2 emissions in MmtCO2e were calculated by multiplying the actual CO2 emissions by its Global Warming Potential of 1 (IPCC AR4).
Commercial	Fossil Fuel Combustion	Coal	Energy	N2O	(MmtCO2e)	Nitrous oxide emitted from burning coal in the commercial sector.	N2O emissions in MmtCO2e were calculated by multiplying the actual N2O emissions by its Global Warming Potential of 298 (IPCC AR4).
Commercial	Fossil Fuel Combustion	Petroleum	Energy	N2O	(MmtCO2e)	Nitrous oxide emitted from burning petroleum in the commercial sector.	N2O emissions in MmtCO2e were calculated by multiplying the actual N2O emissions by its Global Warming Potential of 298 (IPCC AR4).
Commercial	Fossil Fuel Combustion	Natural Gas	Energy	N2O	(MmtCO2e)	Nitrous oxide emitted from burning natural gas in the commercial sector.	N2O emissions in MmtCO2e were calculated by multiplying the actual N2O emissions by its Global Warming Potential of 298 (IPCC AR4).
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Commercial	A/C, Refrigeration, other	N/A	Non-Energy	HFC	(MmtCO2e)	HFCs emitted from use in commercial refrigeration and air-conditioning systems.	HFC emissions in MmtCO2e were calculated on a population basis using the CARB/USCA HFC emission inventory tool; Global Warming Potentials for HFCs range from 124 to 14,800 (IPCC AR4).
Agricultural	Enteric Fermentation	N/A	Non-Energy	CH4	(MmtCO2e)	Methane emitted from enteric fermentation in the agricultural sector.	CH4 emissions in MmtCO2e were calculated by multiplying the actual CH4 emissions by its Global Warming Potential of 25 (IPCC AR4).
Agricultural	Manure Management	N/A	Non-Energy	N2O	(MmtCO2e)	Nitrous oxide emitted from manure management in the agricultural sector.	N2O emissions in MmtCO2e were calculated by multiplying the actual N2O emissions by its Global Warming Potential of 298 (IPCC AR4).
Agricultural	Manure Management	N/A	Non-Energy	CH4	(MmtCO2e)	Methane emitted from manure management in the agricultural sector.	CH4 emissions in MmtCO2e were calculated by multiplying the actual CH4 emissions by its Global Warming Potential of 25 (IPCC AR4).
Agricultural	Agricultural Soil Management	N/A	Non-Energy	N2O	(MmtCO2e)	Nitrous oxide emitted from agricultural soil management practices.	N2O emissions in MmtCO2e were calculated by multiplying the actual N2O emissions by its Global Warming Potential of 298 (IPCC AR4).
Agricultural	Burning of Agricultural Crop Waste	N/A	Non-Energy	N2O	(MmtCO2e)	Nitrous oxide emitted from the burning of agricultural crop waste.	N2O emissions in MmtCO2e were calculated by multiplying the actual N2O emissions by its Global Warming Potential of 298 (IPCC AR4).
Agricultural	Burning of Agricultural Crop Waste	N/A	Non-Energy	CH4	(MmtCO2e)	Methane emitted from the burning of agricultural crop waste.	CH4 emissions in MmtCO2e were calculated by multiplying the actual CH4 emissions by its Global Warming Potential of 25 (IPCC AR4).
Agricultural	Liming and Urea	N/A	Non-Energy	CO2	(MmtCO2e)	Carbon dioxide equivalents emitted from the liming of soil and use of urea fertilizer.	CO2 emissions in MmtCO2e were calculated by multiplying the actual CO2 emissions by its Global Warming Potential of 1 (IPCC AR4).
Waste Management	Municipal WWT	N/A	Non-Energy	N2O	(MmtCO2e)	Nitrous oxide emitted by municipal wastewater treatment plants.	N2O emissions in MmtCO2e were calculated by multiplying the actual N2O emissions by its Global Warming Potential of 298 (IPCC AR4).
Waste Management	Municipal WWT	N/A	Non-Energy	CH4	(MmtCO2e)	Methane emitted by municipal wastewater treatment plants.	CH4 emissions in MmtCO2e were calculated by multiplying the actual CH4 emissions by its Global Warming Potential of 25 (IPCC AR4).
Waste Management	Industrial WWT	N/A	Non-Energy	CH4	(MmtCO2e)	Methane emitted by industrial wastewater treatment plants.	CH4 emissions in MmtCO2e were calculated by multiplying the actual CH4 emissions by its Global Warming Potential of 25 (IPCC AR4).
Waste Management	Landfill Fugitive Emissions	N/A	Non-Energy	CH4	(MmtCO2e)	Methane emitted by municipal landfills. Methane recovered for energy use and/or flared is removed from the total.	CH4 emissions in MmtCO2e were calculated by multiplying the actual CH4 emissions by its Global Warming Potential of 25 (IPCC AR4).
Waste Management	MSW Incineration	N/A	Non-Energy	CO2	(MmtCO2e)	Carbon dioxide emitted from the combustion of municipal solid waste; the practice was banned in 2000.	CO2 emissions in MmtCO2e were calculated by multiplying the actual CO2 emissions by its Global Warming Potential of 1 (IPCC AR4).
Land-use, land-use change, forestry	Total Flux	N/A	Non-Energy	CO2	(MmtCO2e)	Carbon dioxide emitted from, or absorbed by, forest land cover.	Carbon emissions and/or sequestration in the land-use sector is calculated as the annual change in carbon storage among different carbon pools of Delaware's forest and croplands, as well as harvested wood products.
Indirect GHG Emissions	Energy Consumption	N/A	Indirect	CO2	(MmtCO2e)	Indirect GHG are emissions associated with consuming electricity that is produced in Delaware as well as imported.	This sector is not added when calculating total emissions to avoid double counting of emissions from DE generated electricity. The sector is used to identify how electricity demand in Delaware impacts GHG emissions.